

04-09-01 A

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |  |  |
|------------------------|--|--|
| Attorney Docket No.    | 8240M&   |  |
| First Inventor         | Theodore V. McConnell et al.                                       |  |
| Title                  | Meth. & App. for Monit. Eff. Vel. of Items Thru Store or Warehouse |  |
| Express Mail Label No. | EF226654646US  |  |

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

|   |  |  |
|---|--|--|
| ADDRESS TO:   |  | Assistant Commissioner for Patents<br>Box Patent Application<br>Washington, D.C. 20231 |
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/>(Submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages 78]</span><br/>(preferred arrangement set forth below)           <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total 15]</span></p> <p>5. Oath or Declaration <span style="float: right;">[Total Pages 2]</span> <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/>(for continuation/divisional with Box 18 completed)           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul> </p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> |  |  |
| <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission<br/>(if applicable, all necessary)           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:               <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul> </p>   |  |  |
| <b>ACCOMPANYING APPLICATION PARTS</b>   |  |  |
| <p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <span style="float: right;"><input type="checkbox"/> Power of Attorney</span><br/>(when there is an assignee)</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <span style="float: right;"><input type="checkbox"/> Copies of IDS Citations</span></p> <p>13. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br/>(Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br/>(if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: Certificates of Express Mail</p>  |  |  |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

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| <input checked="" type="checkbox"/> Customer Number or Bar Code Label |           | 27752    | <input type="checkbox"/> Correspondence address below |
| (Insert Customer No. or Attach bar code label here)                   |           |          |   |
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| City  | State     | Zip Code |   |
| Country   | Telephone |          | Fax   |

Name (Print/Type) Frederick H. GribbellRegistration No. (Attorney/Agent) 33,892Signature Frederick H. GribbellDate April 6, 2001

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT \$2,656.00

## Complete if Known

|                      |                              |
|----------------------|------------------------------|
| Application Number   |                              |
| Filing Date          |                              |
| First Named Inventor | Theodore V. McConnell et al. |
| Examiner Name        |                              |
| Group Art Unit       |                              |
| Attorney Docket No.  | 8240M&                       |

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 16-2485

Deposit Account Name The Procter &amp; Gamble Company

Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status.  
See 37 CFR § 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description               | Fee Paid |
|----------------------------|----------------------------|-------------------------------|----------|
| 101                        | 710                        | 201 355 Utility filing fee    | 710.00   |
| 106                        | 320                        | 206 160 Design filing fee     |          |
| 107                        | 490                        | 207 245 Plant filing fee      |          |
| 108                        | 710                        | 208 355 Reissue filing fee    |          |
| 114                        | 150                        | 214 75 Provisional filing fee |          |
| SUBTOTAL (1)               |                            |                               | \$710.00 |

## 2. EXTRA CLAIM FEES

| Extra Claims          | Fee from below | Fee Paid           |
|-----------------------|----------------|--------------------|
| Total Claims 97       | -20** = 77     | X 18.00 = 1,386.00 |
| Independent Claims 10 | - 3** = 7      | X 80.00 = 560.00   |
| Multiple Dependent    |                | =                  |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid   |
|----------------------------|----------------------------|--|------------|
| 103                        | 18                         | 203 9 Claims in excess of 20                                     |            |
| 102                        | 80                         | 202 40 Independent claims in excess of 3                         |            |
| 104                        | 270                        | 204 135 Multiple dependent claim, if not paid                    |            |
| 109                        | 80                         | 209 40 ** Reissue independent claims over original patent        |            |
| 110                        | 18                         | 210 9 ** Reissue claims in excess of 20 and over original patent |            |
| SUBTOTAL (2)               |                            |  | \$1,946.00 |

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description   | Fee Paid |
|----------------------------|----------------------------|---|----------|
| 105                        | 130                        | 205 65 Surcharge - late filing fee or oath  |          |
| 127                        | 50                         | 227 25 Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                        | 130                        | 139 130 Non - English specification   |          |
| 147                        | 2,520                      | 147 2,520 For filing a request for ex parte reexamination                         |          |
| 112                        | 920*                       | 112 920* Requesting publication of SIR prior to Examiner action                   |          |
| 113                        | 1,840*                     | 113 1,840* Requesting publication of SIR after Examiner action                    |          |
| 115                        | 110                        | 215 55 Extension for reply within first month                                     |          |
| 116                        | 390                        | 216 195 Extension for reply within second month                                   |          |
| 117                        | 890                        | 217 445 Extension for reply within third month                                    |          |
| 118                        | 1,390                      | 218 695 Extension for reply within fourth month                                   |          |
| 128                        | 1,890                      | 228 945 Extension for reply within fifth month                                    |          |
| 119                        | 310                        | 219 155 Notice of Appeal  |          |
| 120                        | 310                        | 220 155 Filing a brief in support of an appeal                                    |          |
| 121                        | 270                        | 221 135 Request for oral hearing  |          |
| 138                        | 1,510                      | 138 1,510 Petition to institute a public use proceeding                           |          |
| 140                        | 110                        | 240 55 Petition to revive - unavoidable   |          |
| 141                        | 1,240                      | 241 620 Petition to revive - unintentional  |          |
| 142                        | 1,240                      | 242 620 Utility issue fee (or reissue)  |          |
| 143                        | 440                        | 243 220 Design issue fee  |          |
| 144                        | 600                        | 244 300 Plant issue fee   |          |
| 122                        | 130                        | 122 130 Petitions to the Commissioner   |          |
| 123                        | 50                         | 123 50 Processing fee under 37 CFR § 1.17(q)                                      |          |
| 126                        | 180                        | 126 180 Submission of Information Disclosure Statement                            |          |
| 581                        | 40                         | 581 40 Recording each patent assignment per property (times number of properties) |          |
| 146                        | 710                        | 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))             |          |
| 149                        | 710                        | 249 355 For each additional invention to be examined (37 CFR § 1.129(b))          |          |
| 179                        | 710                        | 279 355 Request for Continued Examination (RCE)                                   |          |
| 169                        | 900                        | 169 900 Request for expedited examination of a design application                 |          |

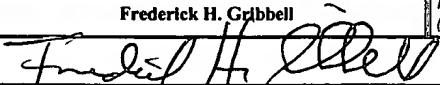
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \_\_\_\_\_

## SUBMITTED BY

## Complete (if applicable)

|                   |   |                                      |        |           |                |
|-------------------|---|--------------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Frederick H. Gribbell   | Registration No.<br>(Attorney/Agent) | 33,892 | Telephone | (513) 891-2100 |
| Signature         |  |                                      |        | Date      | April 6, 2001  |

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**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **Theodore V. McConnell et al.**

Docket No.

**8240M&**

Serial No.

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Filing Date

**New Application**

Examiner

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Group Art Unit

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**Invention: METHOD AND APPARATUS FOR MONITORING THE EFFECTIVE VELOCITY OF ITEMS  
THROUGH A STORE OR WAREHOUSE**

11046 U.S. PRO  
09/827811  
04/706701

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20231-0001 on April 6, 2001  
(Date)Antoinette B. Clark

(Typed or Printed Name of Person Mailing Correspondence)

Antoinette B. Clark

(Signature of Person Mailing Correspondence)

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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Theodore V. McConnell et al.

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New Application

Examiner

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Group Art Unit

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THROUGH A STORE OR WAREHOUSE



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(Date)

Antoinette B. Clark

(Typed or Printed Name of Person Mailing Correspondence)

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(Signature of Person Mailing Correspondence)

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**New Application**

Examiner

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Group Art Unit

-----

**Invention: METHOD AND APPARATUS FOR MONITORING THE EFFECTIVE VELOCITY OF ITEMS  
THROUGH A STORE OR WAREHOUSE**

J1046 U.S. PTO  
09/02781  
04/06/01

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*(Date)***Antoinette B. Clark***(Typed or Printed Name of Person Mailing Correspondence)**Antoinette B. Clark**(Signature of Person Mailing Correspondence)***EF226654646US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

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Applicant(s): Theodore V. McConnell et al.

Docket No.

8240M&amp;

Serial No.

Filing Date

Examiner

Group Art Unit

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New Application

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Invention: METHOD AND APPARATUS FOR MONITORING THE EFFECTIVE VELOCITY OF ITEMS

THROUGH A STORE OR WAREHOUSE

11046 U.S. PTO  
09/04/01  
04/06/01  
04/06/01



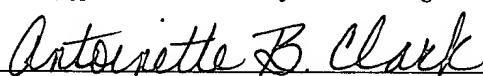
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*(Date)*

Antoinette B. Clark

*(Typed or Printed Name of Person Mailing Correspondence)*



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Applicant(s): Theodore V. McConnell et al.

Docket No.

8240M&amp;

Serial No.

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Filing Date

New Application

Examiner

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Group Art Unit

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Invention: METHOD AND APPARATUS FOR MONITORING THE EFFECTIVE VELOCITY OF ITEMS  
THROUGH A STORE OR WAREHOUSE



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20231-0001 on April 6, 2001  
(Date)

Antoinette B. Clark

(Typed or Printed Name of Person Mailing Correspondence)

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(Signature of Person Mailing Correspondence)

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